

Polesworth Primary

 DNOA Decision
Signposting

Constraint description


Polesworth primary has two 33/11 kV transformers. Following an arranged or fault outage on one of the transformers the full site demand is picked up by the other transformer.

Reinforcement description

Upgrading both transformers at Polesworth primary to 12/24 MVA units would alleviate this constraint. To free up capacity at Polesworth 33 kV circuit works would also be required (as discussed in the Tamworth to Polesworth and Atherstone constraint).




Constraint Season
Winter and Summer


Outage Type
N-1

Justification for decision

No flexibility requirement under Best View until 2030.

Constraint management timeline

2024 H2 Signposting

Time to Reinforce: 3 years

Constraint Type: Demand

Estimated flexibility volumes (MWh) per year under Best View:

2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
-	-	-	-	-	-	0.07 MWh	1 MWh	2 MWh	7 MWh	16 MWh



For more information see the **Tamworth Grid and Tamworth Town 33 kV NDP report:** <https://www.nationalgrid.co.uk/dso/network-development-plan>